

CIP EXPENSE DETAIL

DATE OF COUNCIL CONSIDERATION:
CONTACT DEPARTMENT(S):

1/17/13
Austin Water Utility

SUBJECT. Authorize award and execution of a contract with DUPERON CORPORATION, for the purchase of a Bar Screen for Austin Water Utility's Walnut Creek Wastewater Treatment Plant, for a total contract amount not to exceed \$427,000.

CURRENT YEAR IMPACT:

Department:	Austin Water Utility
Project Name:	Walnut Crk Influent Flow Imp&Eqmt Repl/Rehab
Fund/Department/Unit:	4480 2307 8194
Funding Source:	AWU Fund Transfer
Current Appropriation:	5,627,084.00
Unencumbered Balance:	436,345.29
Amount of This Action:	<u>(427,000.00)</u>
Remaining Balance:	<u>9,345.29</u>
Total Amount of this Action	<u><u>427,000.00</u></u>

ANALYSIS / ADDITIONAL INFORMATION: This contract is for the supply of a mechanical Bar Screen for the Walnut Creek Wastewater Treatment Plant, Headworks #2. The bar screen is an integral part of the wastewater treatment process. It is the first treatment processor at the plant and is located at the head of the plant. It receives raw sewage from the collection system and removes debris and large untreatable items that flow through the collection system to the wastewater treatment plant. Screening is critical to the treatment process and is necessary to protect downstream pumps, motors and other mechanical device from damage.

The Walnut Creek Treatment plant is equipped with redundant headworks buildings each equipped with two bar screens. Headworks #1 was installed when the current wastewater treatment plant was constructed in 1979. The equipment in Headworks #1 is aged and at the end of its useful life. It is currently operated only on an emergency, intermittent basis and is scheduled to be fully refurbished in FY 2015. Headworks #2 is a parallel processor. It has experienced persistent maintenance issues since it was installed in 2005 and it was damaged during a high flow event earlier this year that resulted in permanent reduced capacity of one bar screen. The new Duperon Bar Screen will replace this damaged Bar Screen.

The proposed purchase of a Bar Screen for Headworks #2 will re-establish the screening capacity of Headworks #2. Re-establishing Headworks #2 will provide necessary, reliable screening capacity in anticipation of Headworks #1 being out of service for rehabilitation.

MBE/WBE solicited: 1/3

MBE/WBE bid: 0/0